In the Claims

1. (Previously Presented) A Fe-Cr alloy structure containing about 6% to about 25% by mass of Cr, having a surface with at least one gap portion, and a corrosion-resistant film containing metal powder having ionization tendencies greater than iron on the surface, wherein said metal pow-der is zinc in an amount, based on the weight of the paint film, which satisfies Expression (1):

$$70 - \{2.7 \times (Cr + 3.3Mo)\} \leq X \leq 70 \qquad (1)$$

wherein X is the metal zinc powder content (% by mass) in the paint film,

Cr is the Cr content (% by mass) in the Fe-Cr alloy,

and Mo is the Mo content (% by mass) in the Fe-Cr alloy,

said metal powder content in a dry paint film is about 20% to about 60% by volume, and the dry paint film has a thickness of about 5 μm to about 100 μm.

2. (Original) The Fe-Cr alloy structure according to Claim 1, wherein said metal powder is one or more elements selected from the group consisting of Mg, Al, and Zn.

3 – 4 (Cancelled)

5. (Original) The Fe-Cr alloy structure according to Claim 1, wherein the average parti-cle diameter of said metal powder is about 3 μm or smaller.

6 – 16 (Cancelled)

17. (Previously Presented) A method for manufacturing an Fe-Cr alloy structure compris-ing applying, on a surface an Fe-Cr alloy structure containing about 6% to about 25% by mass of Cr and including at least a gap portion, a corrosion-resistant film containing metal powder having ioni-zation tendencies greater than iron, to a dry film thickness of about 5 μm to about 100 μm, so that the content of said metal powder in the dry paint film is about 20% to

about 60% by volume, wherein the metal powder is zinc in an amount, based on the weight of the paint film, which satisfies Expression (1):

$$70 - \{2.7 \times (Cr + 3.3Mo)\} \leq X \leq 70 \qquad (1)$$

wherein X is the metal zinc powder content (% by mass) in the paint film,

Cr is the Cr content (% by mass) in the Fe-Cr alloy,

and Mo is the Mo content (% by mass) in the Fe-Cr alloy.

18. (Original) The method according to Claim 17, wherein said metal powder is one or more elements selected from the group consisting of Mg, Al, and Zn.

19 – 20 (Cancelled)

21. (Original) The method according to Claim 17, wherein the average particle diameter of said metal powder is about 3 μm or smaller.

22 – 28 (Cancelled)

29. (Currently Amended) A Fe-Cr alloy structure ~~containing about 6% to about 25% by mass of Cr, having a surface with at least one gap portion, and a corrosion-resistant film containing metal powder having ionization tendencies greater than iron on the surface and contains~~according to Claim 1, wherein said corrosion-resistance film contains epoxy resin, and the balance comprises a drying agent, hardening agent, plasticizer, a dispersant and an emulsifier.

30. (Currently Amended) A method for manufacturing an Fe-Cr alloy structure compris-ing applying, on a surface an Fe-Cr alloy structure containing about 6% to about 25% by mass of Cr and including at least a gap portion, a corrosion-resistant film containing metal powder having ioni-zation tendencies greater than iron, to a dry film thickness of about 5 μm to about 100 μm, so that the content of said metal powder in the dry paint film is about 20% to

about 60% by volume, wherein the metal powder is zinc in an amount, based on the weight of the paint film, which satisfies Expression (1):

$$70 - \{2.7 \times (Cr + 3.3Mo)\} \leq X \leq 70 \qquad (1)$$

wherein X is the metal zinc powder content (% by mass) in the paint film,

Cr is the Cr content (% by mass) in the Fe-Cr alloy,

and Mo is the Mo content (% by mass) in the Fe-Cr alloy, wherein the composition of said Fe-Cr alloy structure is, in terms of % by mass, about 0.020% or less of C, about 1.0% or less of Si, about 0.5% to about 5.0% or less of Mn, about 0.05% or less of P, about 0.02% or less of S, about 6% to about 20% of Cr, about 1.0% or less of Al, and about 0.03% or less of N, with the re-mainder being essentially Fe and unavoidable impurities, which forms an alloy steel with a tensile strength (TS) of about 450 to abut 650 MPa~~, and wherein the dry paint film thickness of said dry paint film is about 5 to about 50 μm~~.

31. (Currently Amended) The Fe-Cr alloy structure according to Claim 30, wherein said Fe-Cr alloy structure further comprises, in terms of % by mass, about 3% or less of Mo, about 2% or less of Cu, and ~~abut~~about 9% or less of Ni.

32. (Previously Presented) The Fe-Cr alloy structure according to Claim 30, wherein said Fe-Cr alloy structure further comprises, in terms of % by mass, about 0.0003% to about 0.005% of B.

33. (Previously Presented) An underside member of an automobile formed from the Fe-Cr alloy structure according to Claim 30.

34. (Previously Presented) A Fe-Cr alloy structure containing about 6% to about 25% by mass of Cr, having a surface with at least one gap portion, and a corrosion-resistant film containing metal powder having ionization tendencies greater than iron on the surface, wherein

said metal pow-der is zinc in an amount, based on the weight of the paint film, which satisfies Expression (1):

$$70 - \{2.7 \times (Cr + 3.3Mo)\} \leq X \leq 70 \qquad (1)$$

wherein X is the metal zinc powder content (% by mass) in the paint film,

Cr is the Cr content (% by mass) in the Fe-Cr alloy, and Mo is the Mo content (% by mass) in the Fe-Cr alloy, said metal powder content in a dry paint film is about 20% to about 60% by volume, and the dry paint film has a thickness of about 5 μm to about 100 μm, wherein said Fe-Cr alloy structure is a ferritic stainless steel, with a composition of, in terms of % by mass, about 0.1% or less of C, about 1.0% or less of Si, about 1.5% or less of Mn, about 0.06% or less of P, about 0.03% or less of S, about 1.0% or less of Al, about 11% to about 20% of Cr, and about 0.04% or less of N, about 0.01% to about 0.8% of Nb and/or about 0.01% to about 1.0% of Ti, with the re-mainder being essentially Fe and unavoidable impurities.

35. (Previously Presented) The Fe-Cr alloy structure according to Claim 34, wherein said Fe-Cr alloy structure further comprises, in terms of % by mass, about 3.0% or less of Mo, about 2.0% or less of Cu, and about 2.0% or less of Ni.

36. (Previously Presented) The Fe-Cr alloy structure according to Claim 34, wherein said Fe-Cr alloy structure further comprises, in terms of % by mass, about 0.0003% to about 0.005% of B.

37. (Previously Presented) The Fe-Cr alloy structure according to Claim 30, wherein the average particle diameter of Zn in said Zn-containing dry paint film is about 3 μm or smaller.

38. (Previously Presented) The Fe-Cr alloy structure according to Claim 34, wherein the average particle diameter of Zn in said Zn-containing dry paint film is about 3 μm or smaller.

39. (Previously Presented) A fuel tank formed from the Fe-Cr alloy structure

according to Claim 34.

40. (Previously Presented) A peripheral member of a fuel tank of an automobile formed from the Fe-Cr alloy structure according to Claim 34.

41. (Previously Presented) A method for manufacturing an Fe-Cr alloy structure compris-ing applying, on a surface an Fe-Cr alloy structure containing about 6% to about 25% by mass of Cr and including at least a gap portion, a corrosion-resistant film containing metal powder having ioni-zation tendencies greater than iron, to a dry film thickness of about 5 μm to about 100 μm, so that the content of said metal powder in the dry paint film is about 20% to about 60% by volume, wherein said corrosion-resistant film contains epoxy resin, and the balance comprises a drying agent, a har-dening agent, a plasticizer, a dispersant, and an emulsifier.

42. (Previously Presented) A method for manufacturing an Fe-Cr alloy structure compris-ing applying, on a surface an Fe-Cr alloy structure containing about 6% to about 25% by mass of Cr and including at least a gap portion, a corrosion-resistant film containing metal powder having ioni-zation tendencies greater than iron, to a dry film thickness of about 5 μm to about 100 μm, so that the content of said metal powder in the dry paint film is about 20% to about 60% by volume, wherein the metal powder is zinc in an amount, based on the weight of the paint film, which satisfies Expression (1):

$$70 - \{2.7 \times (Cr + 3.3Mo)\} \leq X \leq 70 \qquad (1)$$

wherein X is the metal zinc powder content (% by mass) in the paint film,

Cr is the Cr content (% by mass) in the Fe-Cr alloy,

and Mo is the Mo content (% by mass) in the Fe-Cr alloy, wherein the composition of said Fe-Cr alloy structure is, in terms of % by mass, about 0.02% or less of C,

about 1.0% or less of Si, about 0.5% to about 5.0% of Mn, about 0.05% or less of P, about 0.020% or less of S, about 6% to about 20% or less of Cr, about 1.0% or less of Al, and about 0.03% or less of N, with the remain-der being essentially Fe and unavoidable impurities, which forms an alloy steel with a tensile strength (TS) of about 450 to about 650 MPa.

43. (Previously Presented) The method according to Claim 42, wherein said Fe-Cr alloy structure further comprises, in terms of % by mass, about 3% or less of Mo, about 2% or less of Cu, and about 9% or less of Ni.

44. (Previously Presented) The method according to Claim 42, wherein said Fe-Cr alloy structure further comprises, in terms of % by mass, about 0.0003% to about 0.005% of B.

45. (Previously Presented) A method for manufacturing an Fe-Cr alloy structure compris-ing applying, on a surface an Fe-Cr alloy structure containing about 6% to about 25% by mass of Cr and including at least a gap portion, a corrosion-resistant film containing metal powder having ioni-zation tendencies greater than iron, to a dry film thickness of about 5 μm to about 100 μm, so that the content of said metal powder in the dry paint film is about 20% to about 60% by volume, wherein the metal powder is zinc in an amount, based on the weight of the paint film, which satisfies Expression (1):

$$70 - \{2.7 \times (Cr + 3.3Mo)\} \leq X \leq 70 \qquad (1)$$

wherein X is the metal zinc powder content (% by mass) in the paint film,

Cr is the Cr content (% by mass) in the Fe-Cr alloy,

and Mo is the Mo content (% by mass) in the Fe-Cr alloy, wherein said Fe-Cr alloy structure is a ferritic stainless steel, with a composition of, in terms of % by mass, about 0.1% or less of C, about 1.0% or less of Si, about 1.5% or less of Mn, about 0.06% or less of P, about 0.03% or less of S, about 1.0% or less of Al, about 11% to about 20% of Cr, and about

0.04% or less of N, about 0.01% to about 0.8% of Nb and/or about 0.01% to about 1.0% of Ti, with the remainder being essentially Fe and unavoidable impurities.

46. (Previously Presented) The method according to Claim 45, wherein said Fe-Cr alloy structure further comprises one or more elements selected from the group consisting of about 3.0% or less of Mo, about 2.0% or less of Cu, and about 2.0% or less Ni in terms of % by mass.

47. (Previously Presented) The method according to Claim 45, wherein said Fe-Cr alloy structure further comprises, in terms of % by mass, about 0.0003% to about 0.005% of B.

48. (Previously Presented) The method according to Claim 42, wherein the average parti-cle diameter of Zn in said Zn-containing dry paint film is about 3 μm or smaller.